

# Communication, Navigation and Mayday CD

Jeffrey L. Levin, M.D., M.S.P.H.

University of Texas Health Science Center at Tyler Southwest Center for Ag Health, Injury Prevention and Education



## Background

- Large portion of commercial fishing population along the Gulf Coast is Asian and Hispanic
- Recent immigration
- Language barriers
- Hands-on training conducted by authority figures





## Anecdotes

- "I've been fishing for years and I never knew what the horns meant."
- Fishermen use cell phones instead of the radio
- Near misses in the Houston Ship Channel



# Simulation Development



#### Coast Guard Authorization Act of 2010

- Mandatory dockside exams
- Expanded training requirements
  - Includes navigation training



## CD Development

- Interactive
- Tri-lingual: English, Vietnamese & Spanish
- Remarks from respected mariners
- Includes signaling and Mayday call practice
- Developed and reviewed by key partners in each language

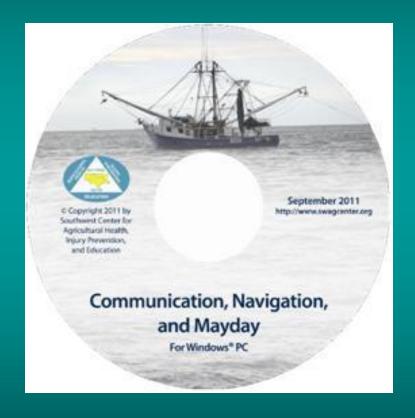


### Collaborators

- U.S. Coast Guard Marine Safety Unit, 8<sup>th</sup> District
- Commercial Shrimp Fishermen
- Cooperative Extension Service
- Sea Grant
- Other stakeholders/volunteers



## **CD** Preview





## Questions?



Jeffrey Levin, M.D., M.S.P.H. 903-877-5900

jeffrey.levin@uthct.edu

